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## Bio-orthogonal metal catalysis

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# Bio-orthogonal Metal Catalysis

*For selective modification of dehydroalanine in proteins and peptides*

1. Nature is awesome.
2. The use of biokits destroys chemical knowledge.
3. Well executed research that does not produce the desired result should always be published.
4. To prevent that popularity becomes more important than science, peer reviewed articles should be submitted anonymously, and impact factors should be eliminated.
5. The ability of one to work safely in the lab has no correlation with the mess of one's fume hood.
6. The fact that an analytical instrument is owned by a certain institution is not a good reason to perform unnecessary measurements on it.
7. Having small children forces you to make the PhD a 9-5 job.
8. Interdisciplinary science is key to find new therapeutics by means of bio-orthogonal catalysis. Therefore, organic chemists should be trained in microbiology, and microbiologists should be trained in organic chemistry.
9. Explaining your PhD research in 3 minutes to a non-scientific audience should be a requirement to obtain your PhD.
10. The answer to life, the universe, and everything might be 106, rather than 42?!